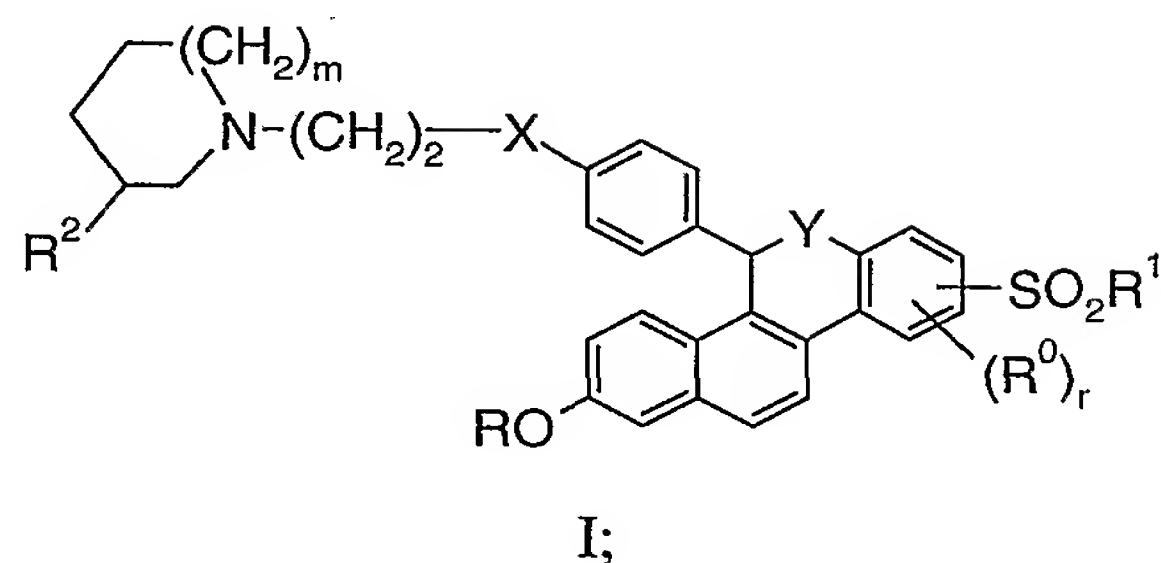


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WE CLAIM:

1. A compound of formula I:



5 wherein:

m and r are independently 0, 1 or 2;

R is H, SO<sub>2</sub>(n-C<sub>4</sub>-C<sub>6</sub> alkyl) or COR<sup>3</sup>;

R<sup>0</sup> is independently at each occurrence OH, CF<sub>3</sub>, halo, C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>6</sub> alkoxy;

10 R<sup>1</sup> is C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, NR<sup>4</sup>R<sup>4a</sup>, CF<sub>3</sub> or CH<sub>2</sub>CF<sub>3</sub>;

R<sup>2</sup> is H or methyl provided that if m is 1 or 2, then R<sup>2</sup> must be H and that if m is 0, then R<sup>2</sup> must be methyl;

R<sup>3</sup> is C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, NR<sup>6</sup>R<sup>6a</sup>, phenoxy, or phenyl optionally substituted with halo;

15 R<sup>4</sup> is C<sub>1</sub>-C<sub>6</sub> alkyl or phenyl;

R<sup>4a</sup>, R<sup>6</sup> and R<sup>6a</sup> are independently at each occurrence H, C<sub>1</sub>-C<sub>6</sub> alkyl or phenyl;

X is O or NR<sup>7</sup>;

Y is O or S; and

20 R<sup>7</sup> is H or C<sub>1</sub>-C<sub>6</sub> alkyl; or a pharmaceutical acid addition salt thereof.

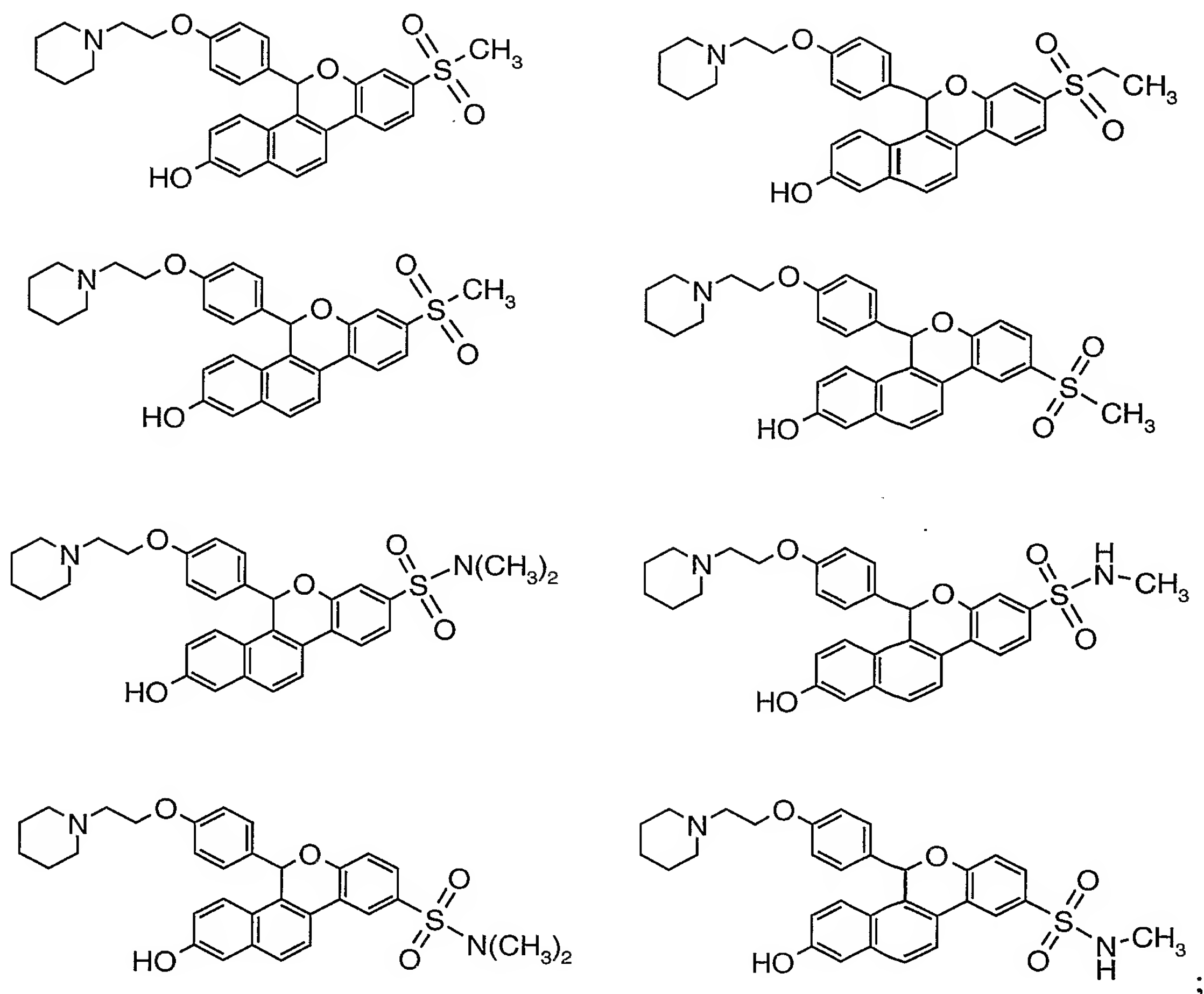
2. The compound of claim 1 wherein X and Y are O and m is 1 or 2.

3. The compound of claim 1 or 2 wherein r is 0.

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4. The compound of any one of claims 1-3 wherein R is H or COR<sup>3</sup> and R<sup>3</sup> is C<sub>1</sub>-C<sub>4</sub> alkyl, NHCH<sub>3</sub> or phenyl.
5. The compound of any one of claims 1-4 wherein R is H and m is 1.
6. The compound of any one of claims 1-5 wherein the SO<sub>2</sub>R<sup>1</sup> moiety is at the 4-position.
7. The compound of any one of claims 1-6 wherein R<sup>1</sup> is C<sub>1</sub>-C<sub>4</sub> alkyl, CF<sub>3</sub> or NR<sup>4</sup>R<sup>4a</sup> and R<sup>4</sup> is C<sub>1</sub>-C<sub>4</sub> alkyl and R<sup>4a</sup> is H or C<sub>1</sub>-C<sub>4</sub> alkyl.
8. The compound of any one of claims 1-7 wherein R<sup>1</sup> is methyl, ethyl, cyclopropyl, CF<sub>3</sub>, NHCH<sub>3</sub> or N(CH<sub>3</sub>)<sub>2</sub>.
9. A compound selected from the group consisting of:

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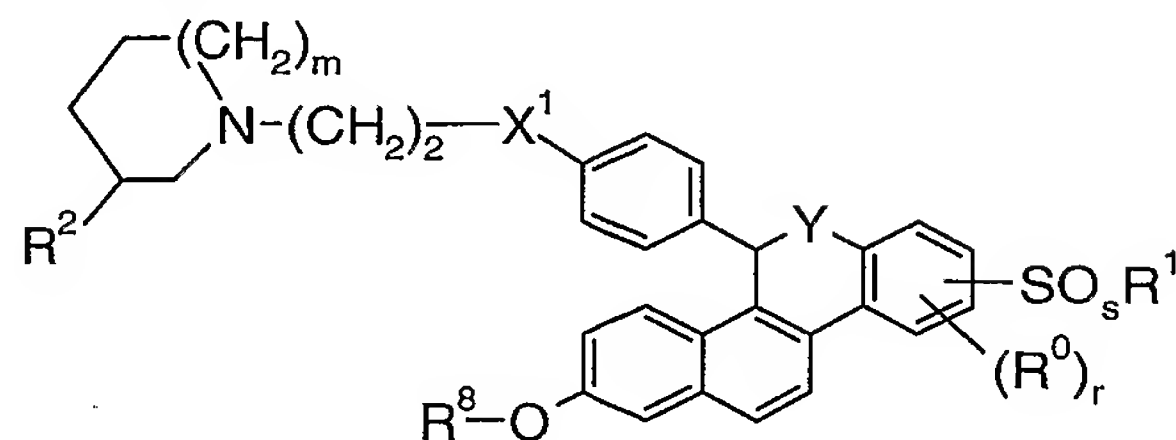
or a pharmaceutical acid addition salt thereof.

- 5            10.    The compound of any one of claims 1-9 which is the hydrochloride salt.
11.    A method of treating endometriosis comprising administering to a patient in need thereof an effective amount of a compound of any one of claims 1-10.
- 10           12.    A method of treating uterine leiomyoma comprising administering to a patient in need thereof an effective amount of a compound of any one of claims 1-10.

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13. A compound of any one of claims 1-10 for use in treating endometriosis and/or uterine leiomyoma.

14. A compound of formula II:



II;

wherein:

m and r are independently 0, 1 or 2;

q is 0 or 1;

s is 0, 1 or 2;

$R^0$  is independently at each occurrence OH,  $CF_3$ , halo,  $C_1$ - $C_6$  alkyl or

$C_1$ - $C_6$  alkoxy;

$R^1$  is  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkoxy,  $NR^4R^{4a}$ ,  $CF_3$  or  $CH_2CF_3$ ;

$R^2$  is H or methyl provided that if m is 1 or 2, then  $R^2$  must be H and that

if m is 0, then  $R^2$  must be methyl;

$R^8$  is H,  $C_1$ - $C_6$  alkyl, benzyl,  $SO_2CH_3$ ,  $SO_2(n-C_4-C_6 \text{ alkyl})$  or  $COR^3$ ;

$R^3$  is  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkoxy,  $NR^6R^{6a}$ , phenoxy, or phenyl optionally substituted with halo;

$R^4$  is  $C_1$ - $C_6$  alkyl or phenyl;

$R^{4a}$ ,  $R^6$  and  $R^{6a}$  are independently at each occurrence H,  $C_1$ - $C_6$  alkyl or

phenyl;

$X^1$  is O or  $NR^9$ ;

Y is O or S; and

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$R^9$  is H,  $C_1$ - $C_6$  alkyl or  $CO_2(C_1$ - $C_6$  alkyl); provided that if s is 2, then  $R^8$  is  $C_1$ - $C_6$  alkyl,  $SO_2CH_3$  or benzyl or  $R^9$  is  $CO_2(C_1$ - $C_6$  alkyl); or an acid addition salt thereof.

- 5            15.    The compound of claim 14 wherein  $X^1$  and Y are O and m is 1 or 2.
16.    The compound of claim 14 or 15 wherein r is 0.
- 10           17.    The compound of any one of claims 14-16 wherein  $R^8$  is  $SO_2CH_3$ , benzyl  
             or methyl.
18.    The compound of any one of claims 14-17 wherein m is 1.
- 15           19.    The compound of any one of claims 14-18 wherein the  $SO_sR^1$  moiety is at  
             the 4-position.
20.    The compound of any one of claims 14-19 wherein  $R^1$  is  $C_1$ - $C_4$  alkyl,  
              $CF_3$  or  $NR^4R^{4a}$  and  $R^4$  is  $C_1$ - $C_4$  alkyl and  $R^{4a}$  is H or  $C_1$ - $C_4$  alkyl.
- 20           21.    The compound of any one of claims 14-20 wherein  $R^1$  is methyl, ethyl,  
             cyclopropyl,  $CF_3$ ,  $NHCH_3$  or  $N(CH_3)_2$ .